

# Appendix B

## Figures Package for August Event

August Event | Aug 3-7, 2021; Aug 9-15, 2021; Aug 17-31, 2021

Daily satellite smoke images and reverse high split trajectory modeling results are available for all August event dates.

Table 4. August Events

Date	24-Hour Avg PM2.5 (µg/m3)			Flag
	FEM	FRM	NEPH	
8/3/2021	32.5		37.7	IT
8/4/2021	65.1	-	75.2	RT
8/5/2021	80.3	-	91.0	RT
8/7/2021	43.5	-	48.9	RT
8/9/2021	47.3	-	54.1	RT
8/10/2021	49.7	-	57.7	RT
8/11/2021	80.1	-	93.8	RT
8/12/2021	111.2	-	129.9	RT
8/13/2021	130.5	-	158.1	RT
8/14/2021	133.4	132	161.0	RT
8/15/2021	125.6	-	145.9	RT
8/17/2021	81.8	-	93.9	RT
8/18/2021	36.3		38.1	IT
8/19/2021	63.7	-	67.8	RT
8/20/2021	73.1	-	75.9	RT
8/21/2021	78.2	-	82.5	RT
8/22/2021	63.3	-	69.8	RT
8/23/2021	62.9	-	71.1	RT
8/24/2021	69.9	-	78.3	RT
8/25/2021	68.8	-	77.3	RT
8/26/2021	57.1	61.9	63.6	RT
8/27/2021	85.8	-	95.0	RT
8/28/2021	25.2	-	29.0	IT
8/29/2021	41.5	-	48.4	RT
8/30/2021	78.5	-	95.0	RT
8/31/2021	58.0	-	68.1	RT

Figure 1. Aug 3, 2021 12 hour back trajectory.

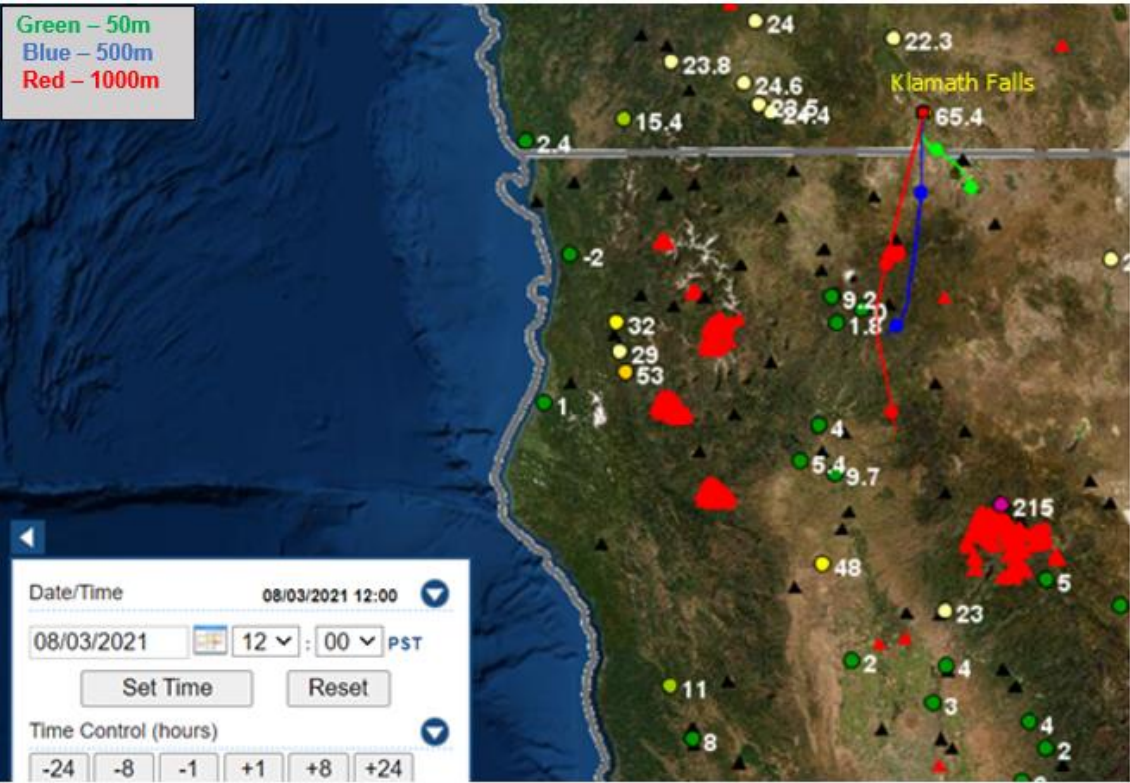


Figure 2. Aug 3, 2021 Satellite and AOD image.

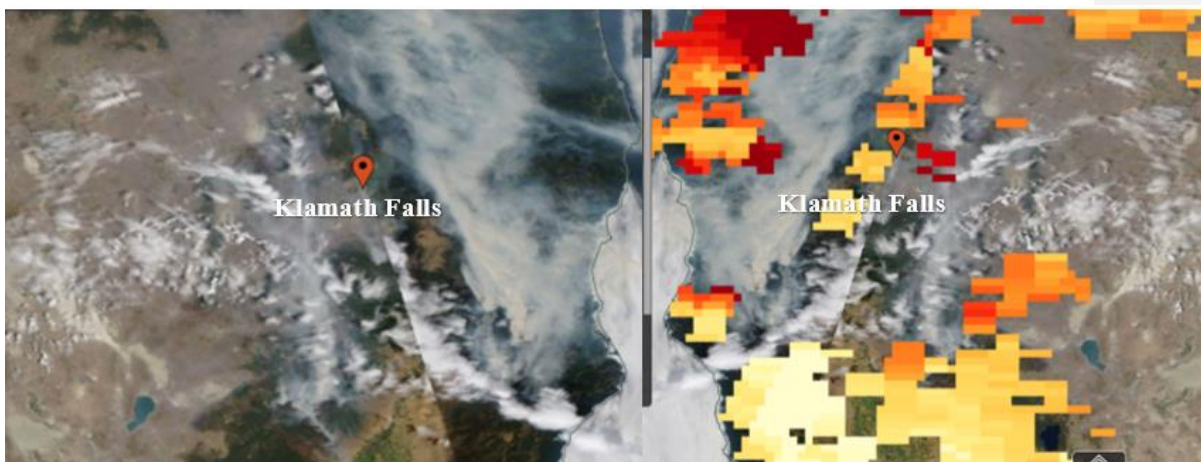


Figure 3. August 4, 2021 12 hour back trajectory.

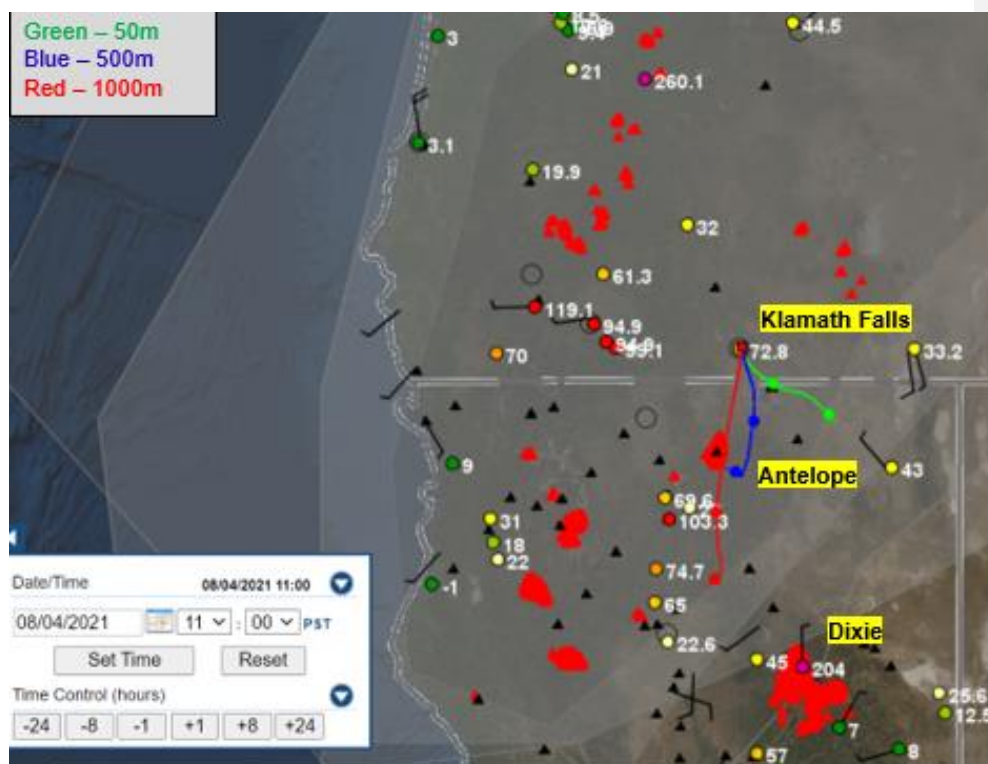


Figure 4. August 4, 2021 Satellite and Aerosol Optical Depth Image

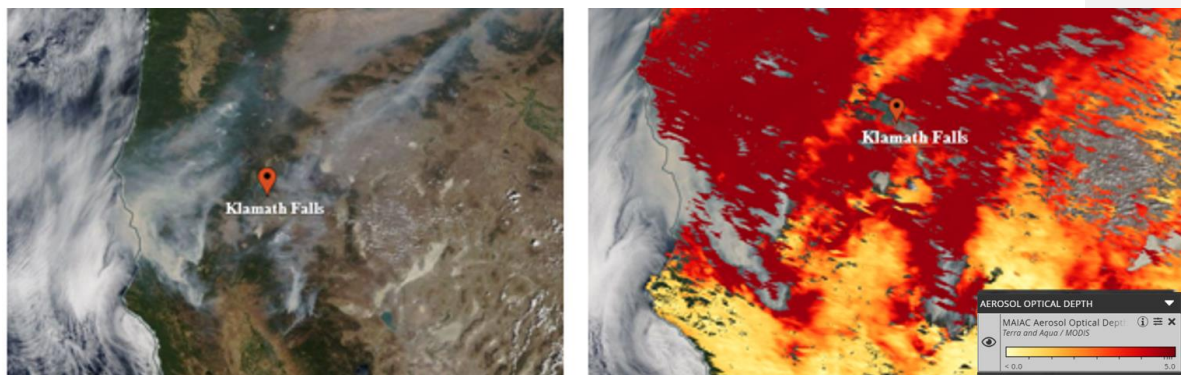


Figure 5. August 5, 2021 12 hour back trajectory.

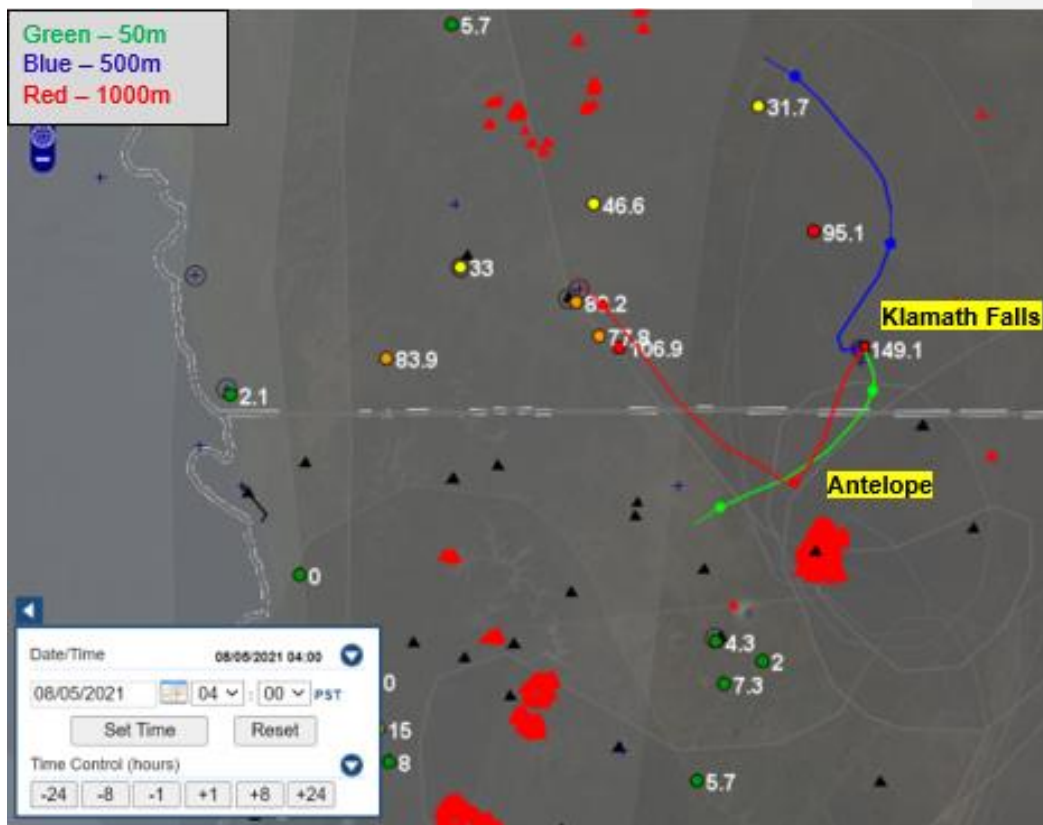


Figure 6. August 5, 2021 Satellite and AOD image

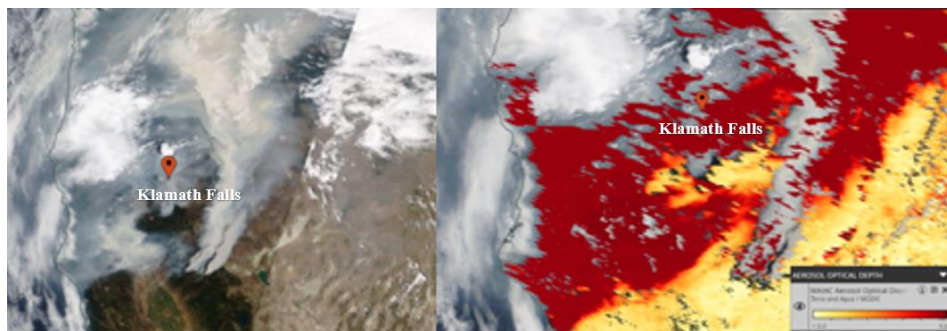




Figure 7. August 7, 2021 12 hour back trajectory

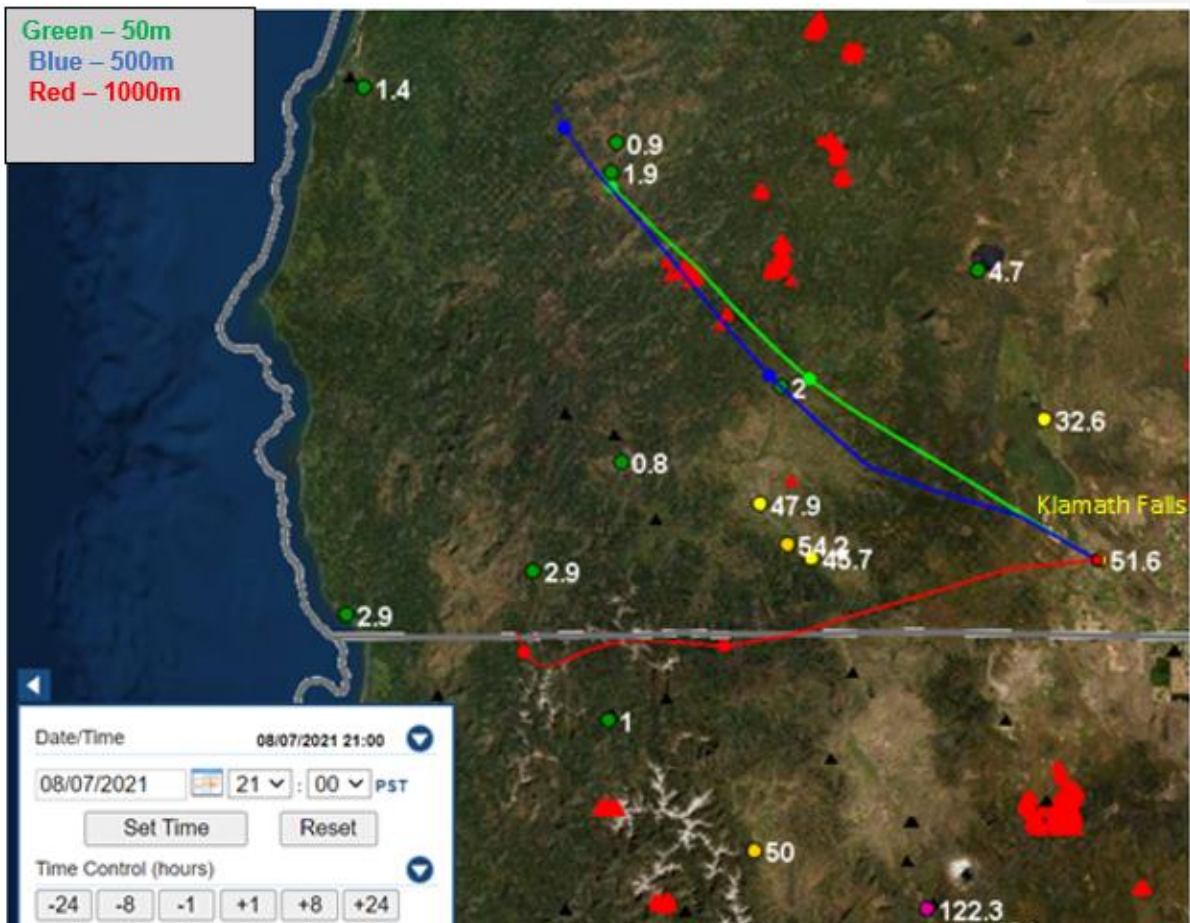




Figure 8. August 7, 2021 Satellite and AOD image

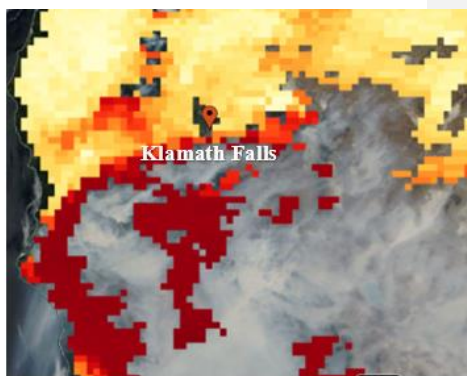
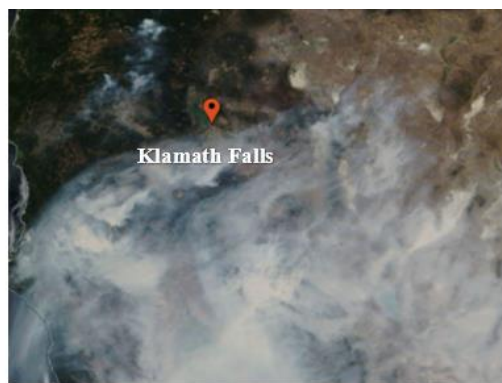


Figure 9. August 9, 2021 12 hour back trajectory

Commented [TH1]: Still need

Figure 10. August 9, 2021 Satellite and AOD image

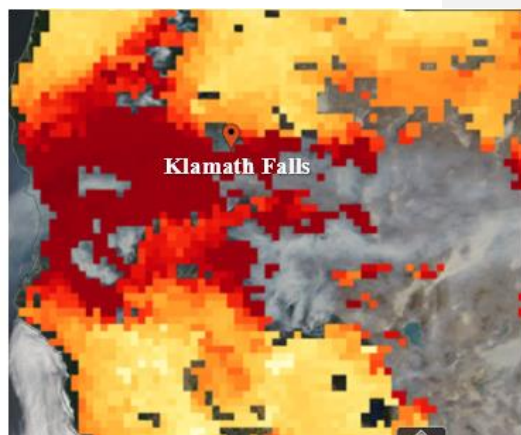


Figure 11. August 10, 2021 12 hour back trajectory.

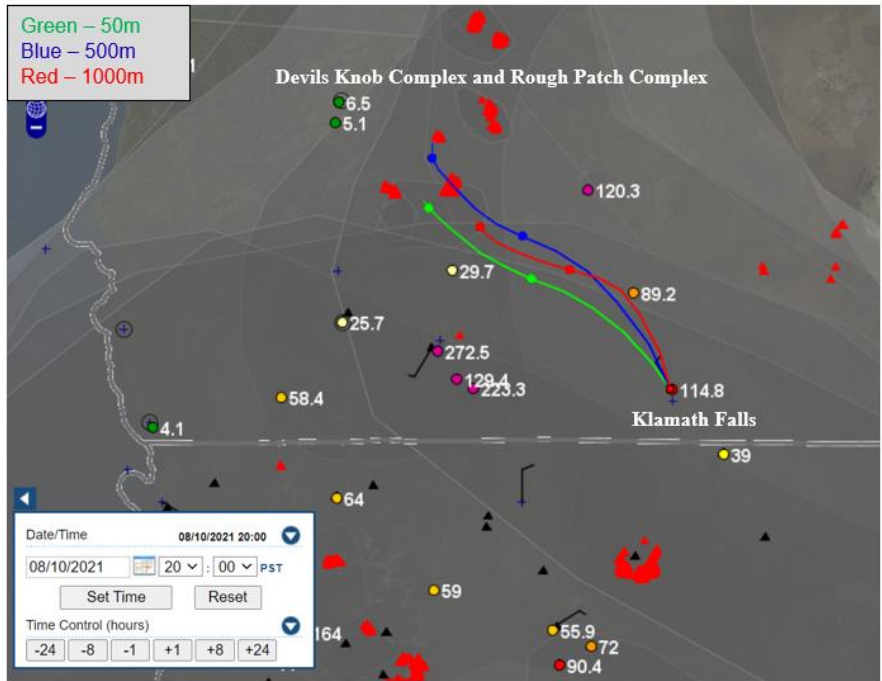


Figure 12. August 10, 2021 Satellite and AOD image

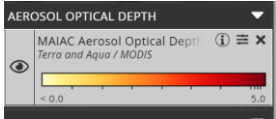
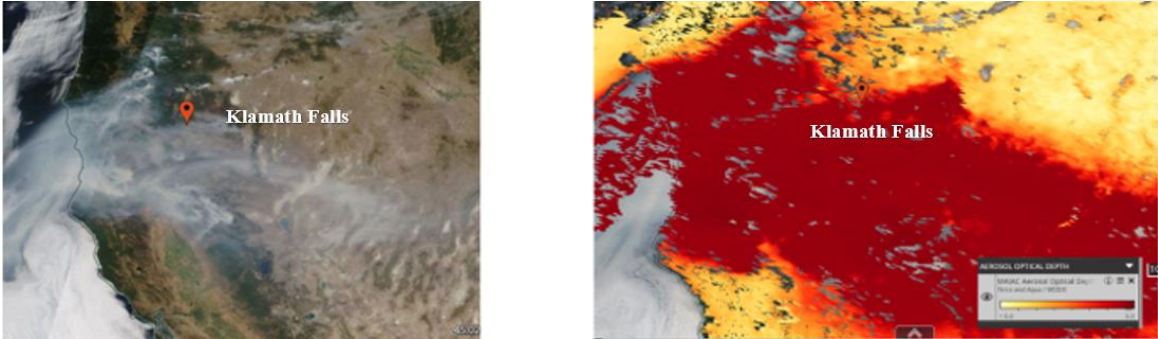


Figure 13. August 11, 2021 12 hour back trajectory.

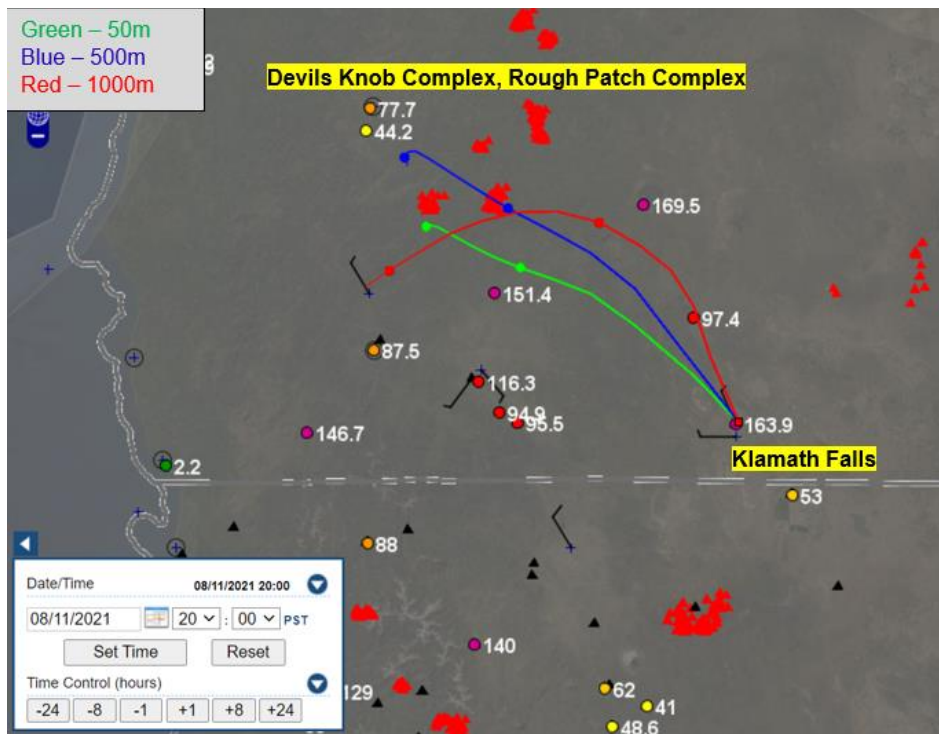


Figure 1. August 11, 2021 Satellite and AOD image

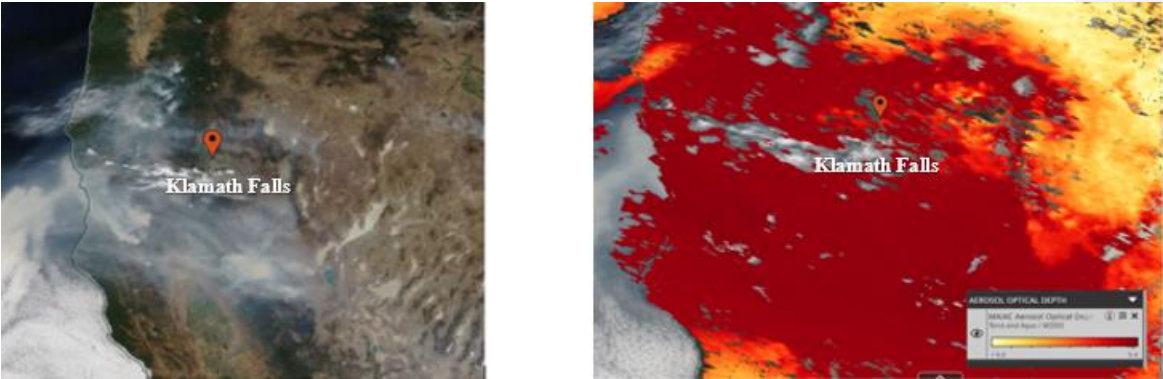




Figure 2. August 12, 2021 12 hour back trajectory.

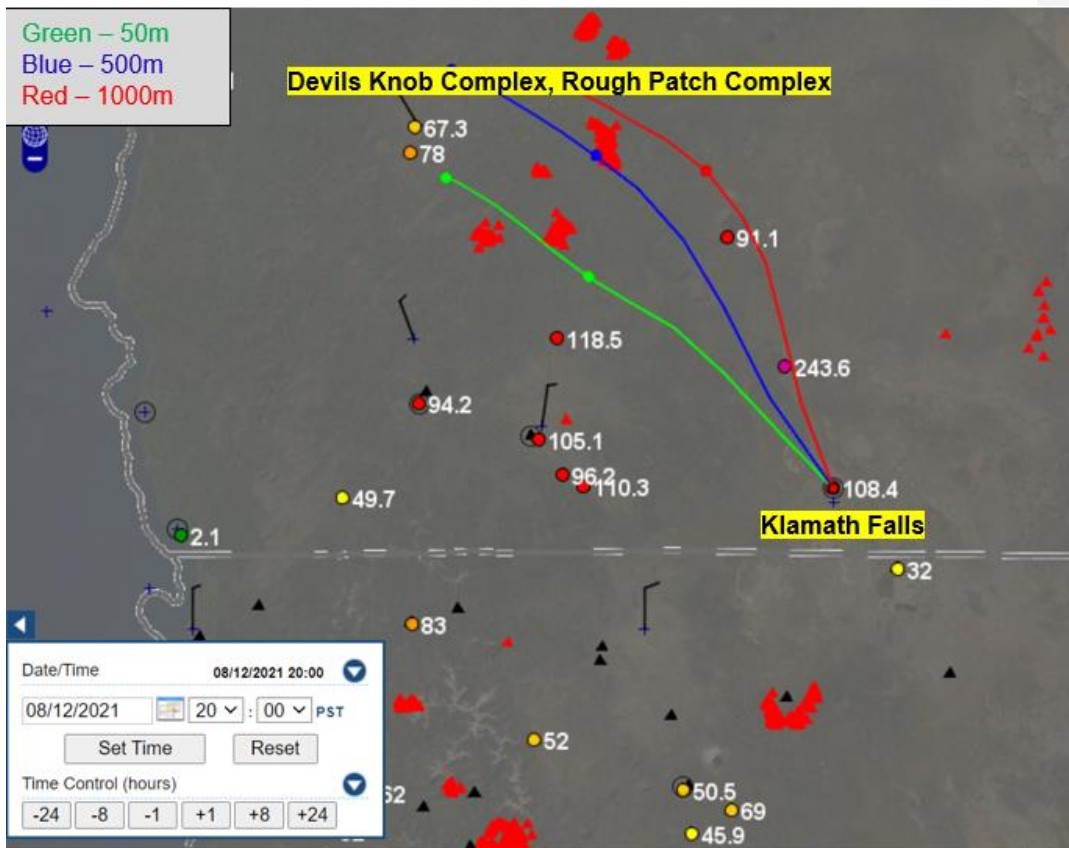


Figure 3. August 12, 2021 Satellite and AOD image

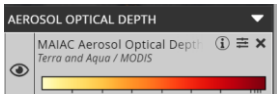
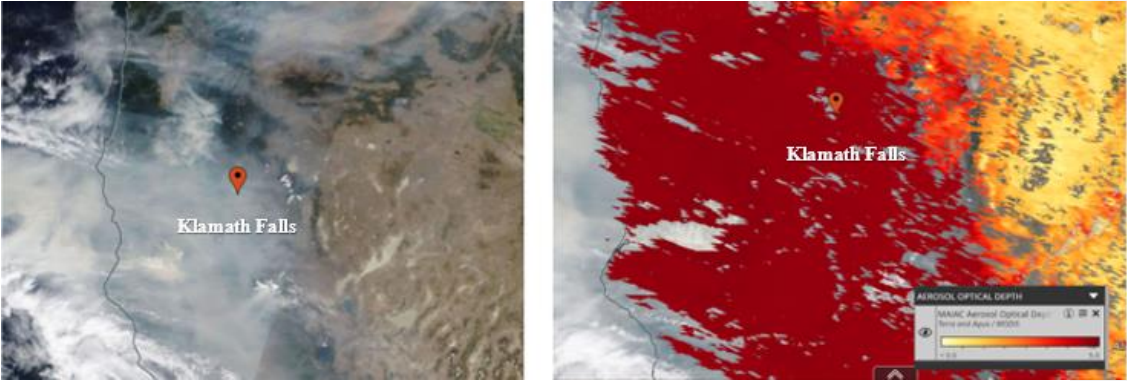


Figure 4. August 13, 2021 12 hour back trajectory.

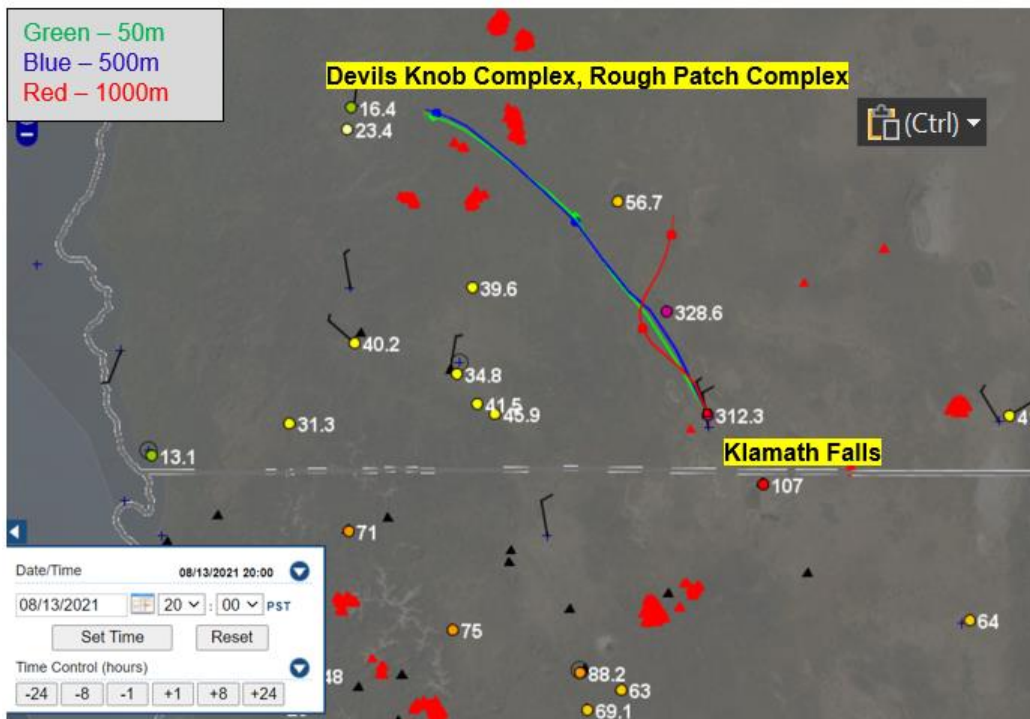


Figure 5. August 13, 2021 Satellite and AOD image

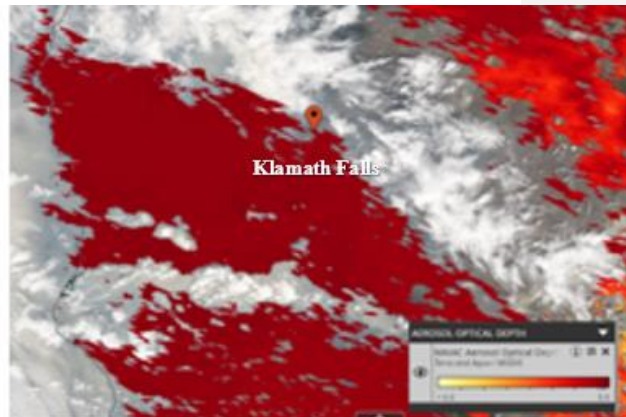
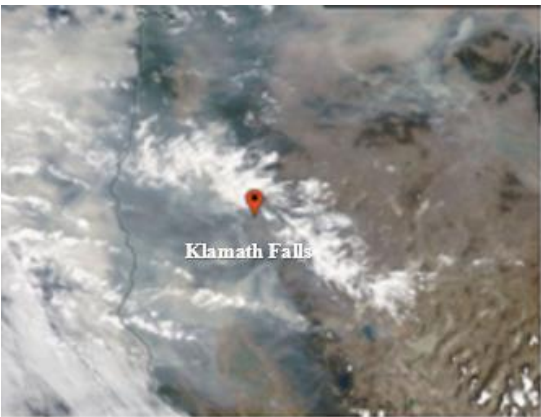


Figure 6. August 14, 2021 12 hour back trajectory.



Figure 7. August 14, 2021 Satellite and AOD image

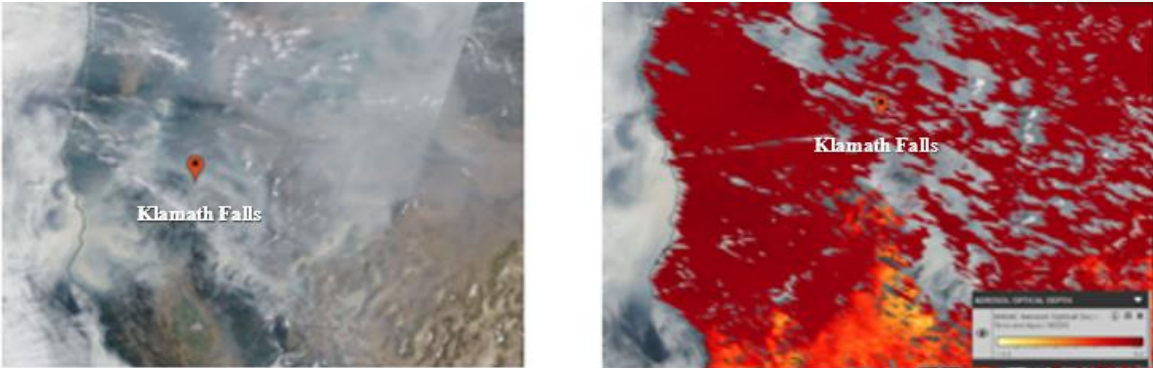




Figure 8. August 15, 2021 12 hour back trajectory.

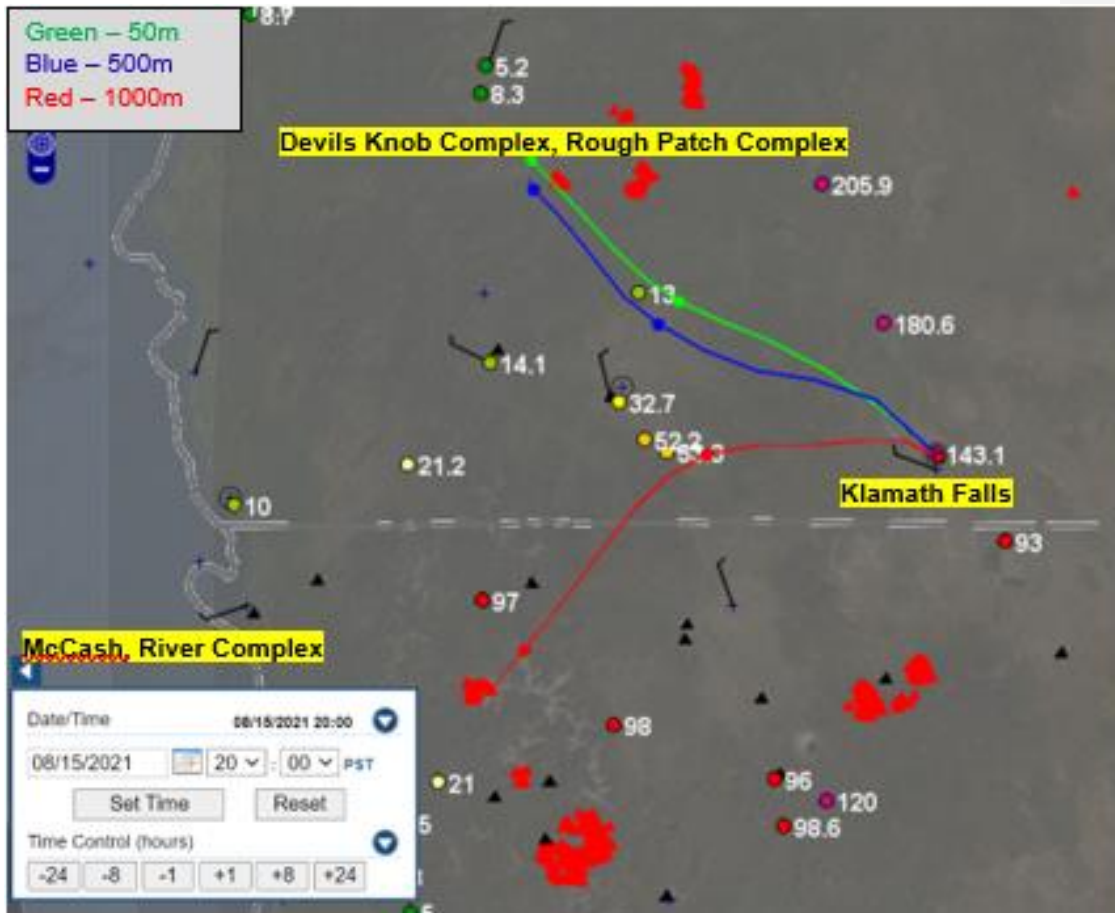


Figure 9. August 15, 2021 Satellite and AOD image

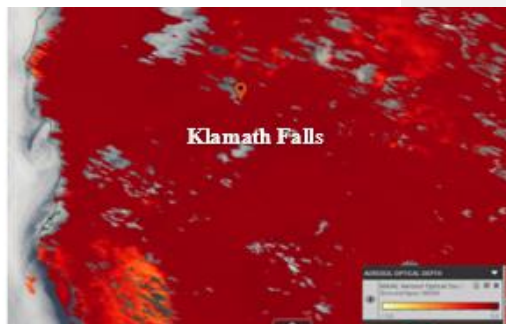


Figure 21. August 17, 2021 12 hour back trajectory.

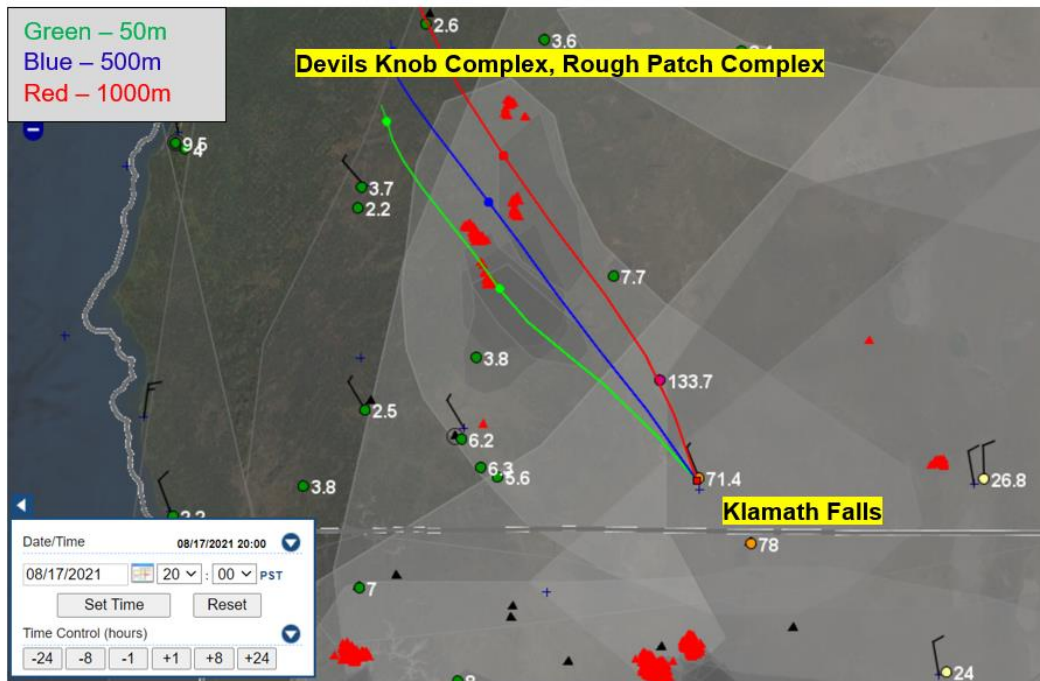


Figure 10. August 17, 2021 Satellite and AOD image

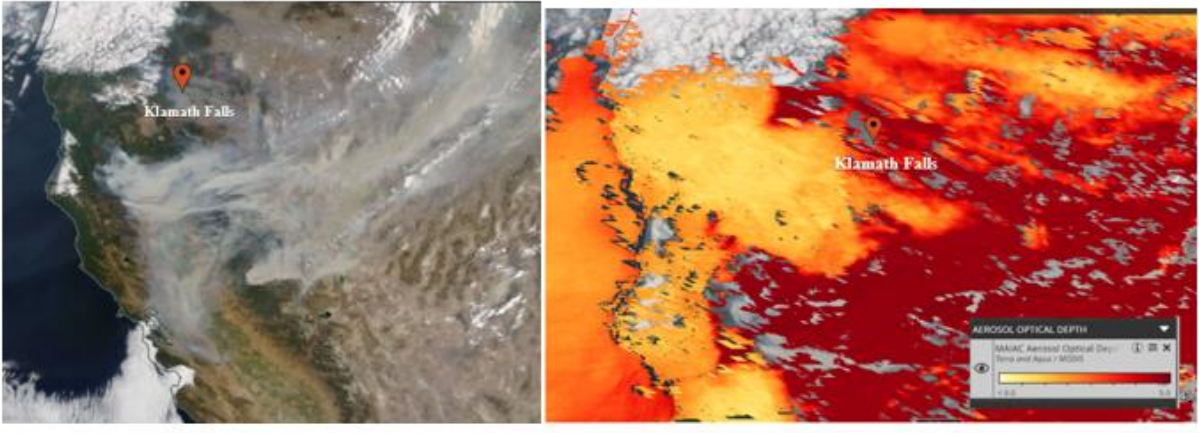


Figure 11. 8/18/21 12 hour back trajectory.

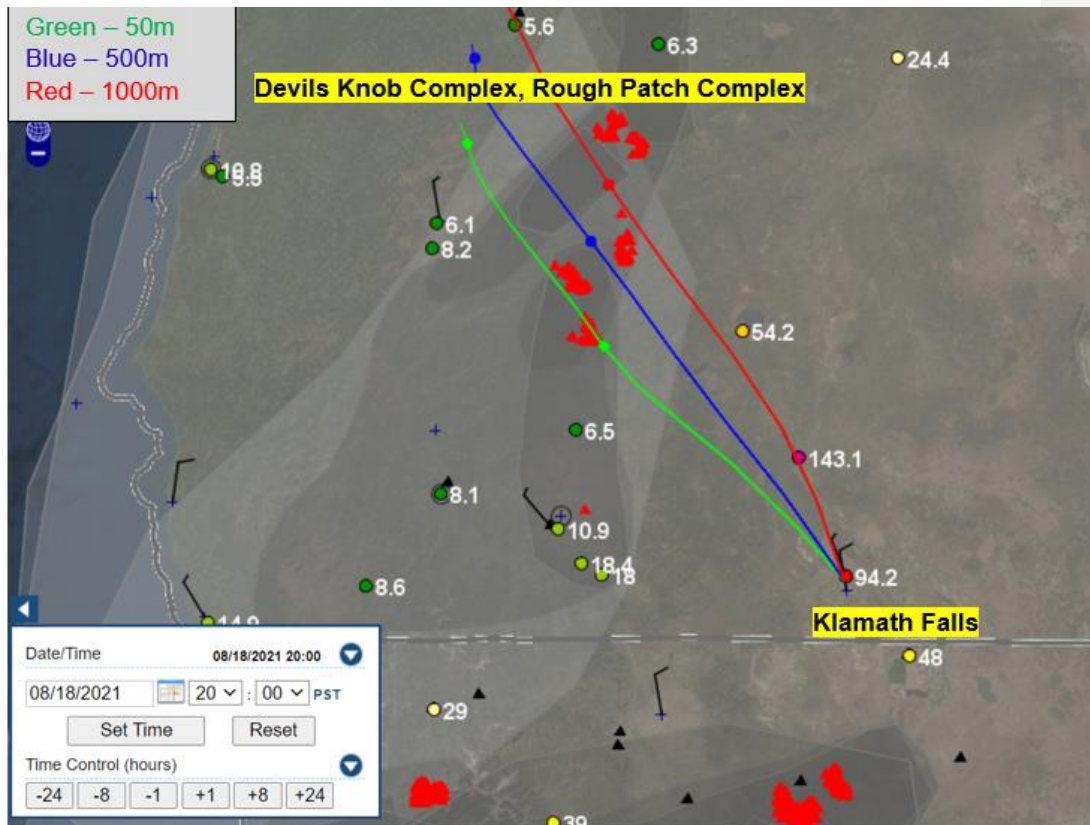


Figure 12. 8/18/21 Satellite and AOD image

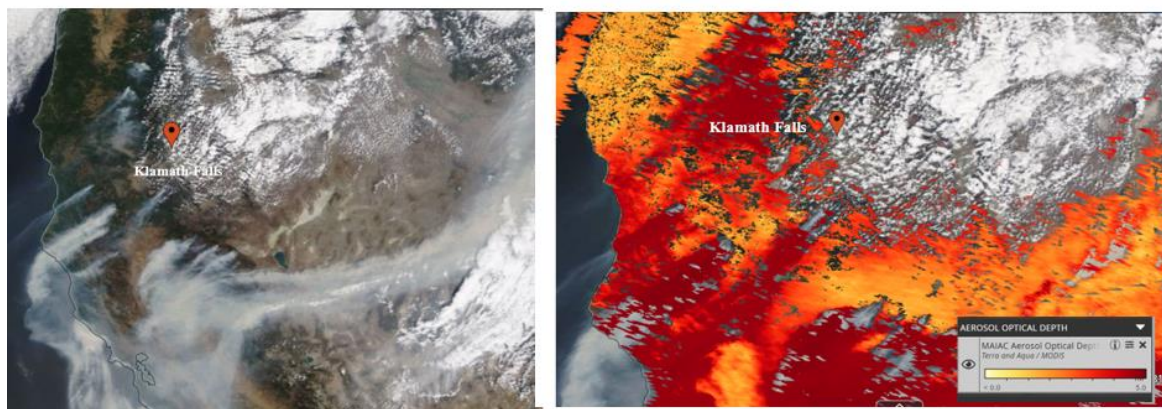




Figure 13. 8/19/21 12 hour back trajectory.

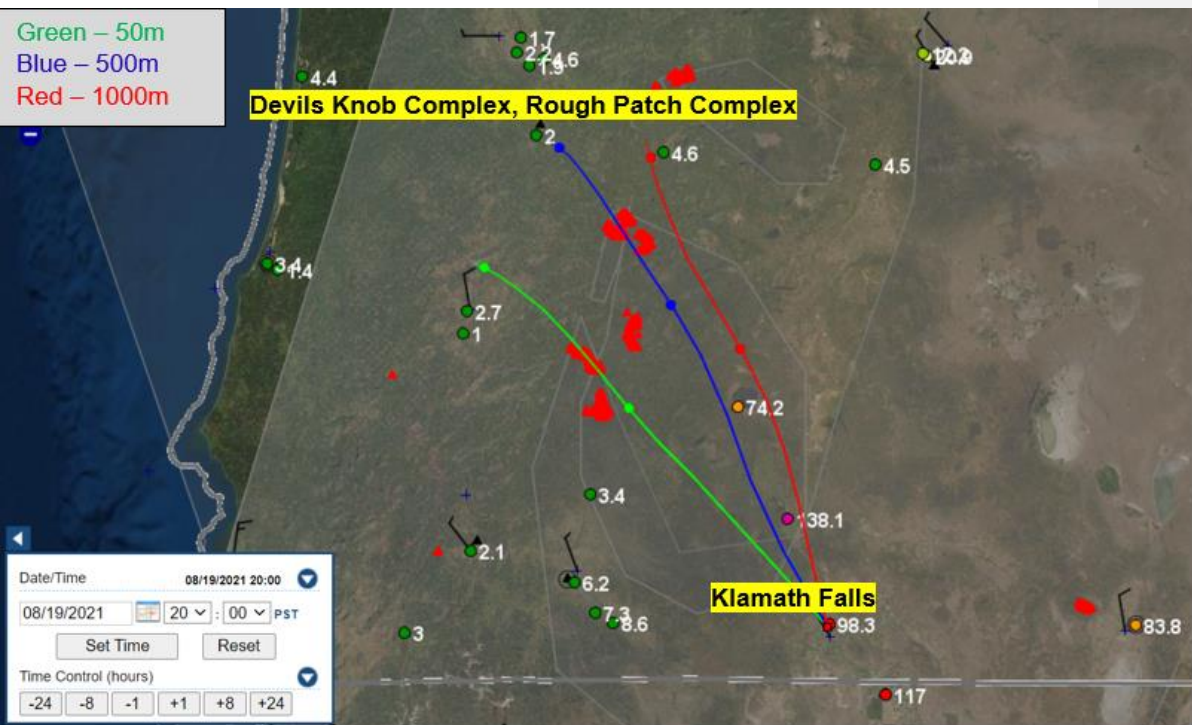


Figure 14. 8/19/21 Satellite and AOD image

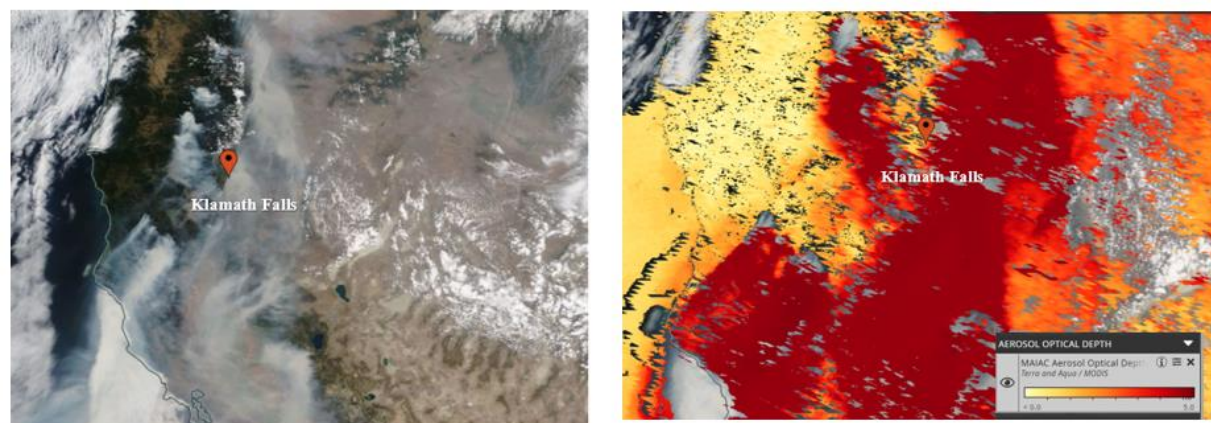


Figure 15. 8/20/21 12 hour back trajectory.

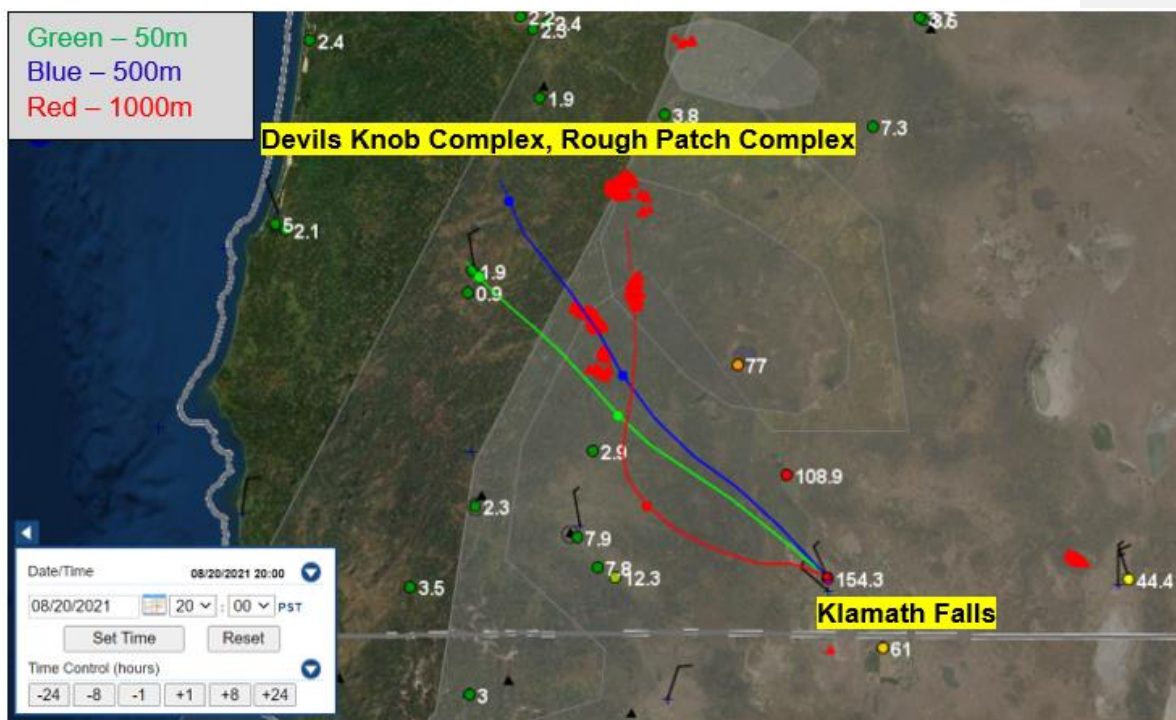


Figure 16. 8/20/21 Satellite and AOD image

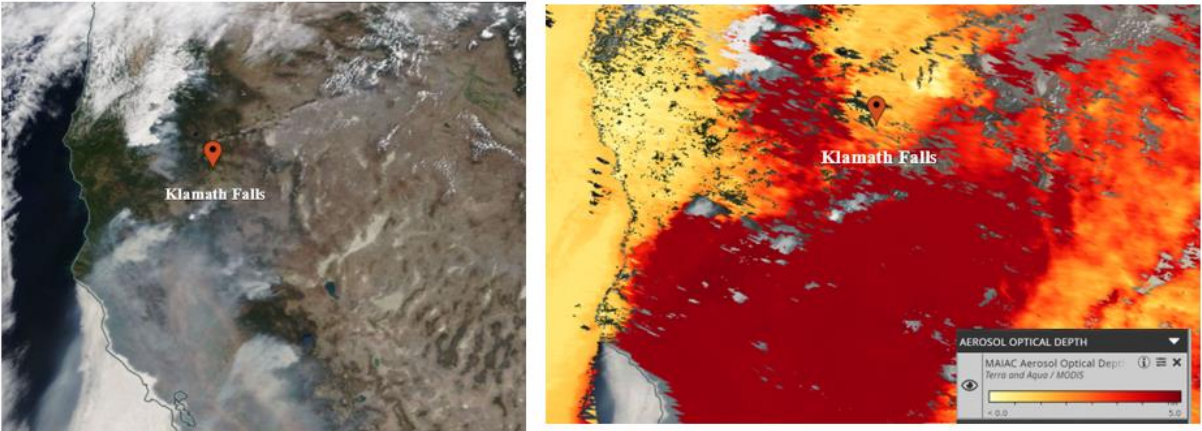


Figure 17. 8/21/21 12 hour back trajectory.

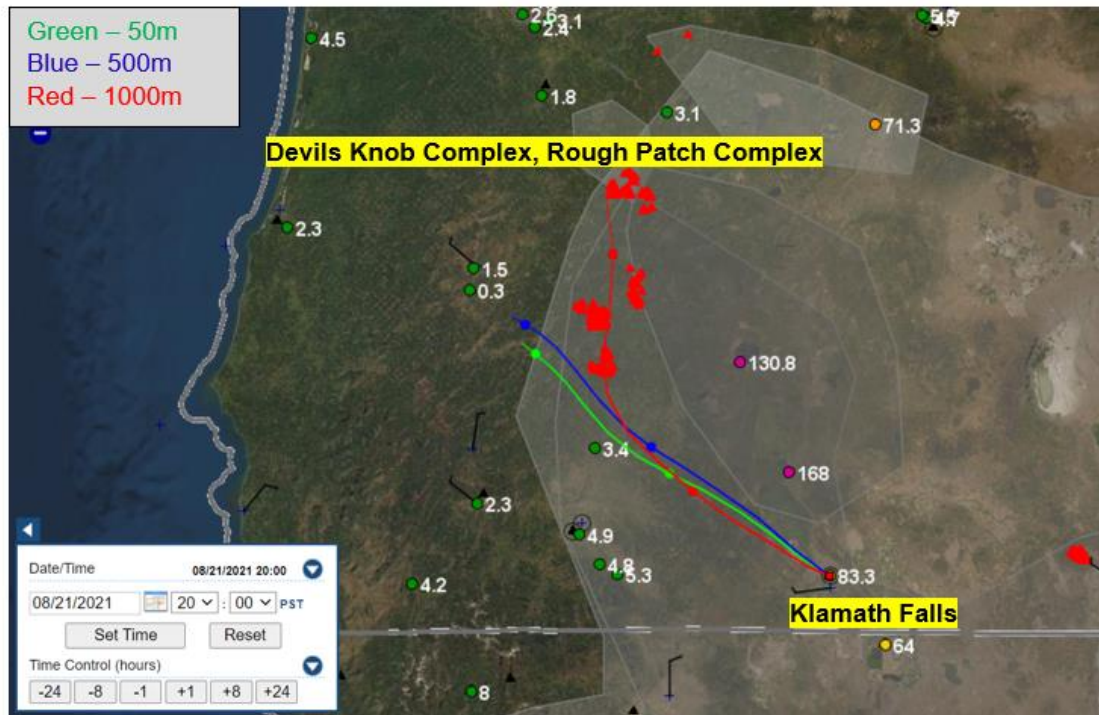




Figure 18. 8/21/21 Satellite and AOD image

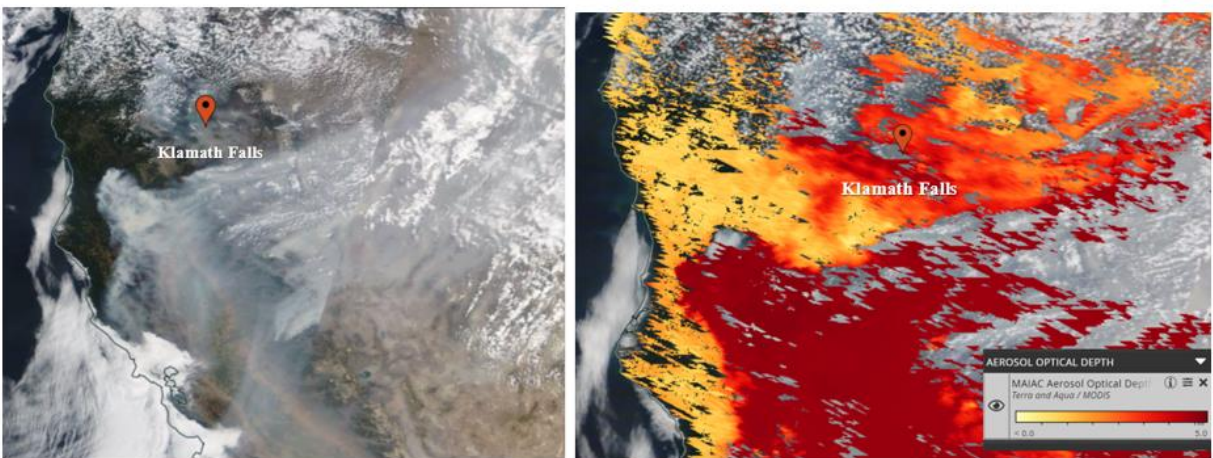




Figure 19. 8/22/21 12 hour back trajectory.

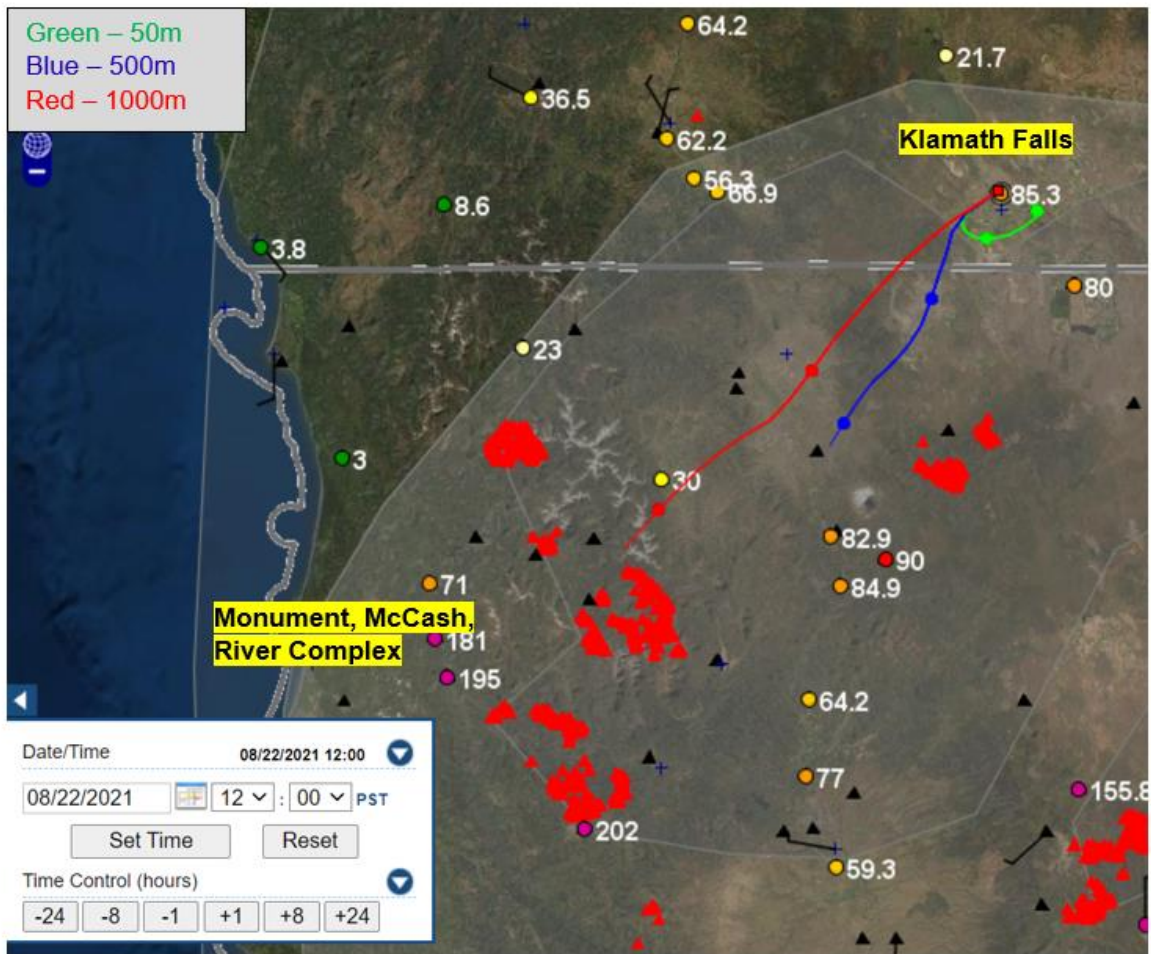


Figure 20. 8/22/21 Satellite and AOD image

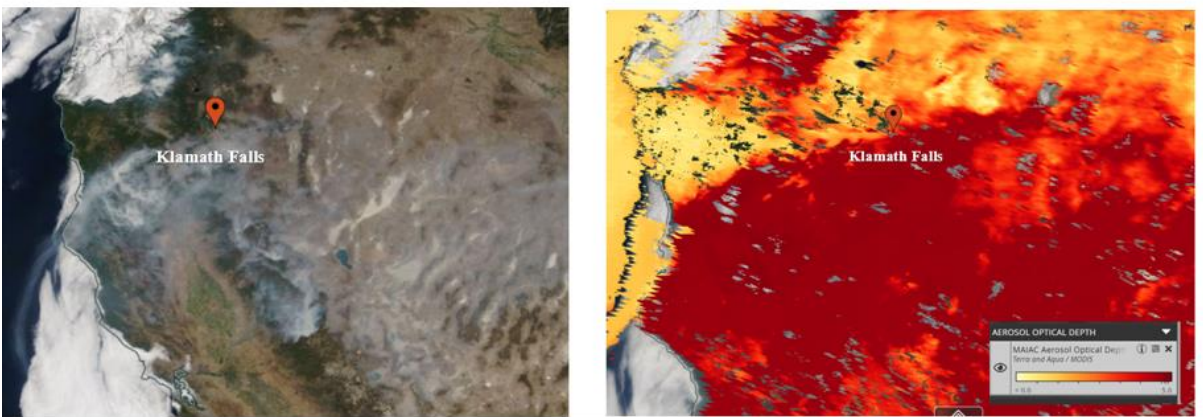


Figure 21. 8/23/21 12 hour back trajectory.

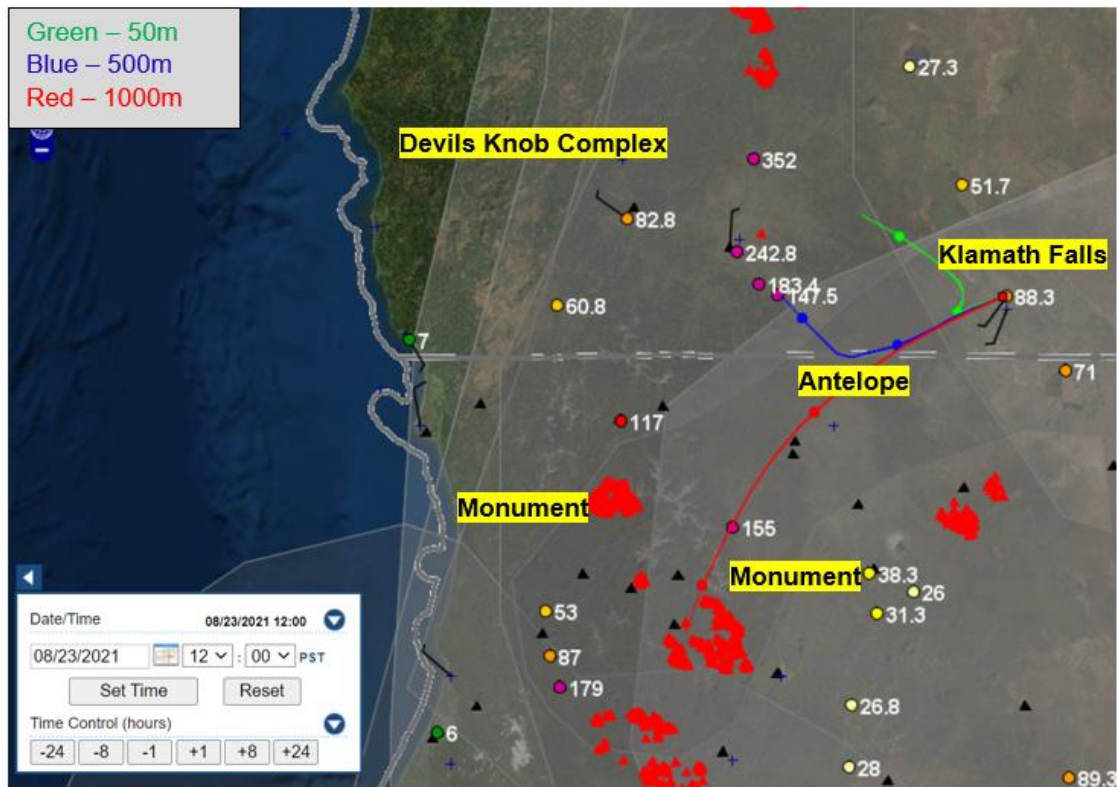
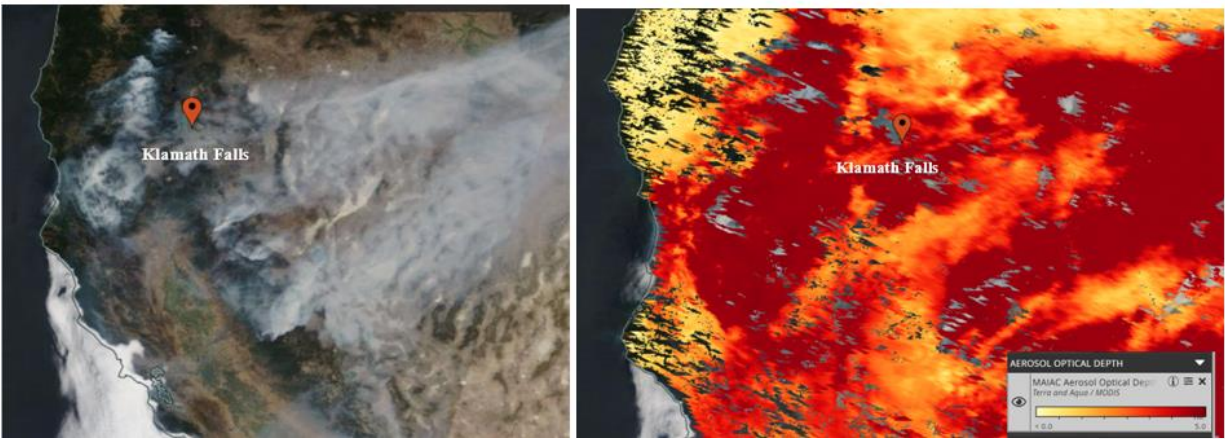


Figure 22. 8/23/21 Satellite and AOD image



Klamath Falls

Figure 23. 8/24/21 12 hour back trajectory.

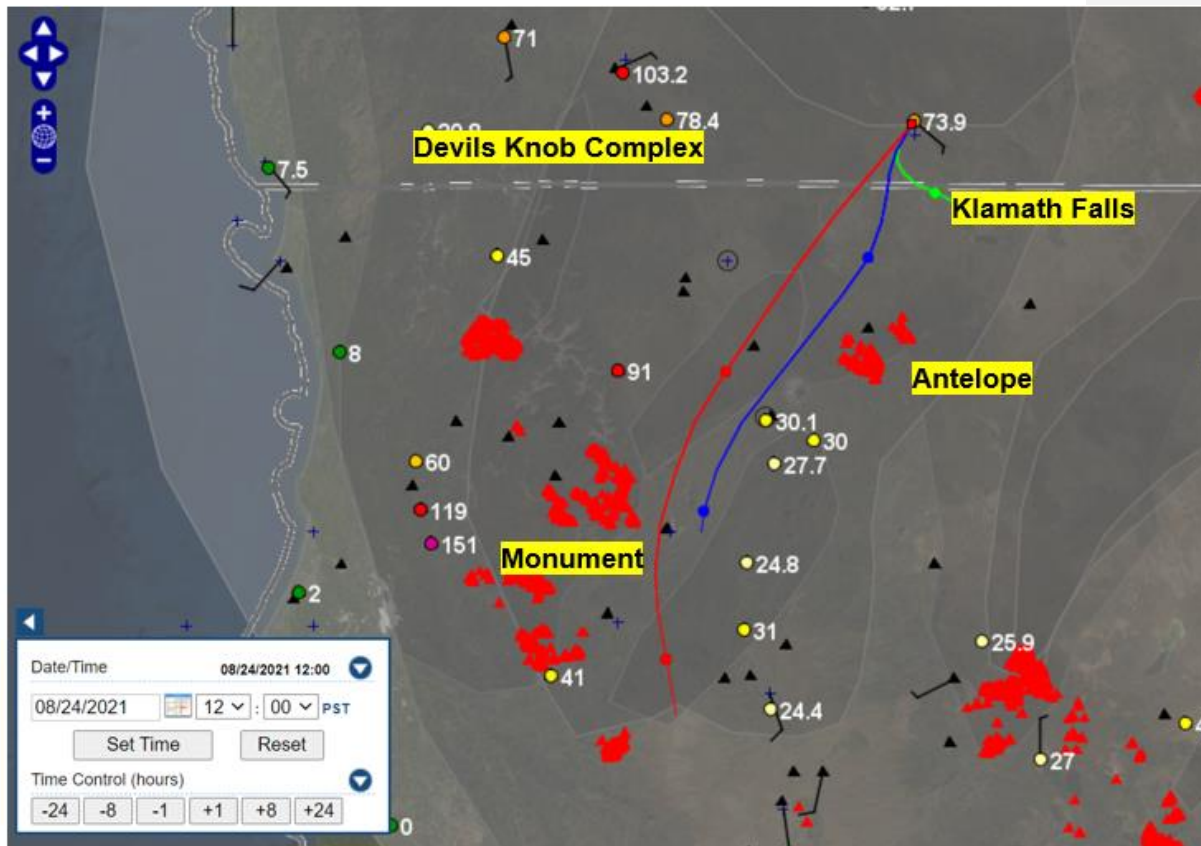




Figure 24. 8/24/21 Satellite and AOD image

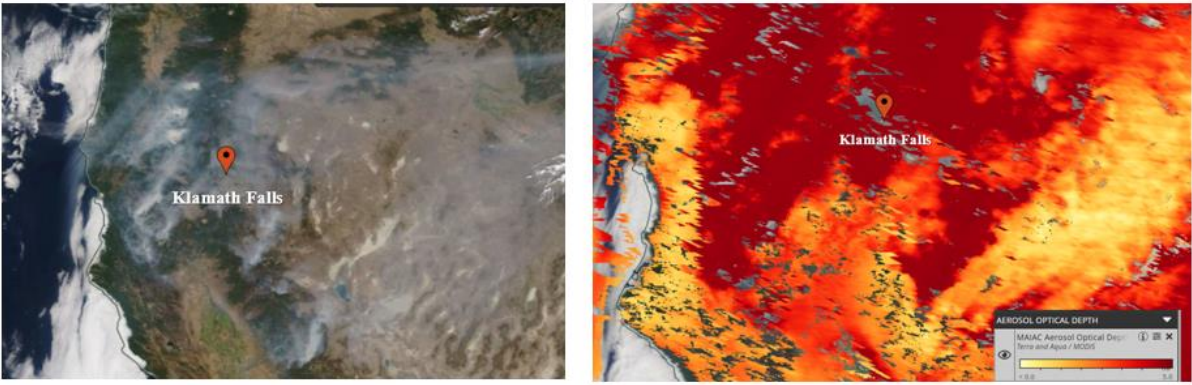


Figure 25. 8/25/21 12 hour back trajectory.

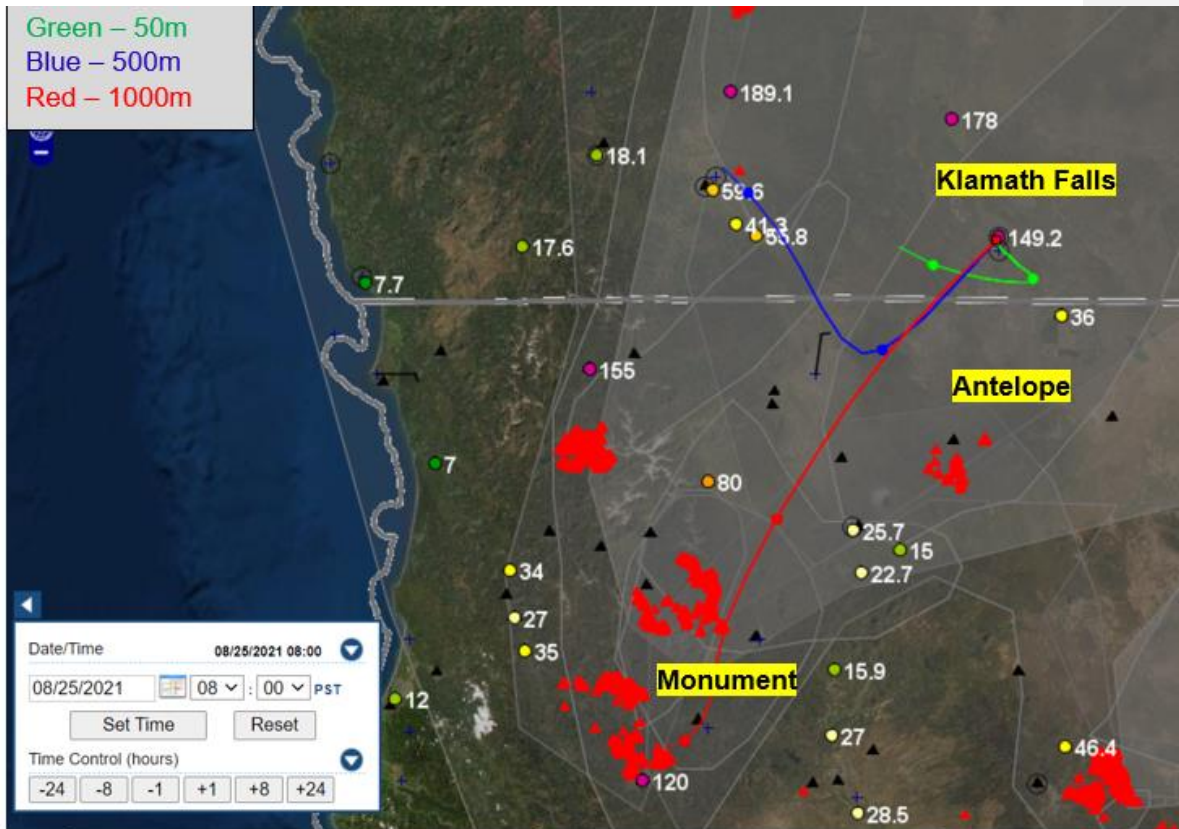
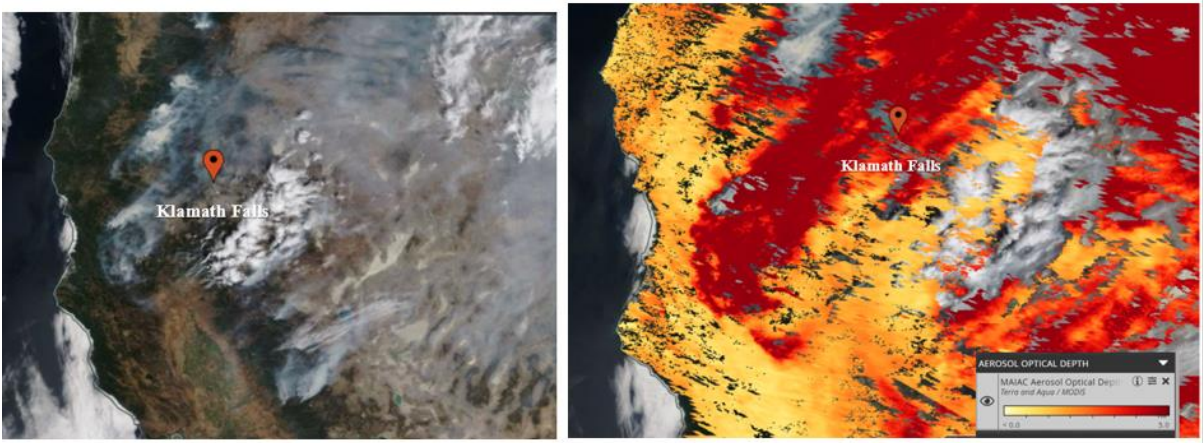




Figure 26. 8/25/21 Satellite and AOD image



Klamath Falls

Figure 27. 8/26/21 12 hour back trajectory.

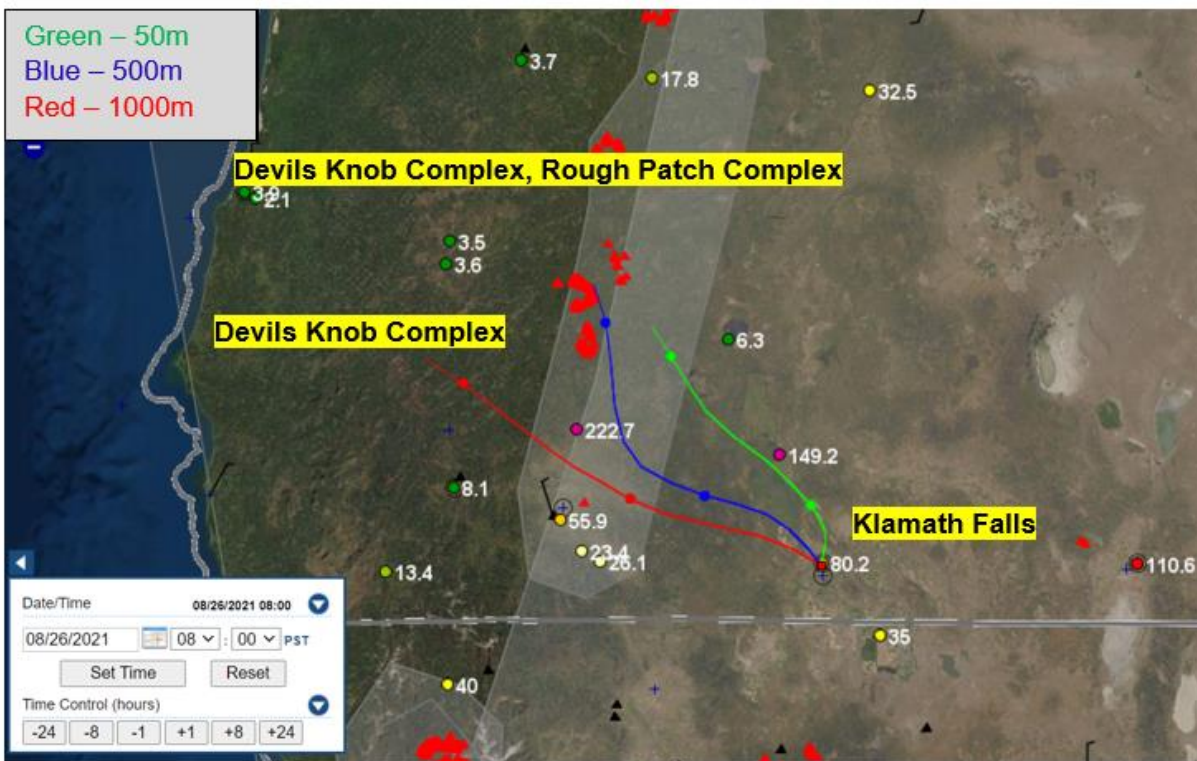


Figure 28. 8/26/21 Satellite and AOD image

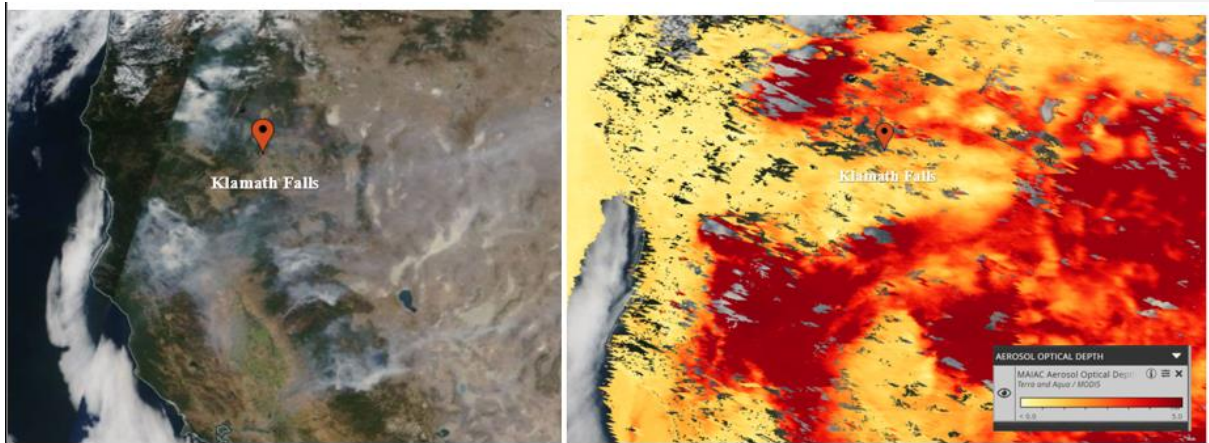


Figure 29. 8/27/21 12 hour back trajectory.

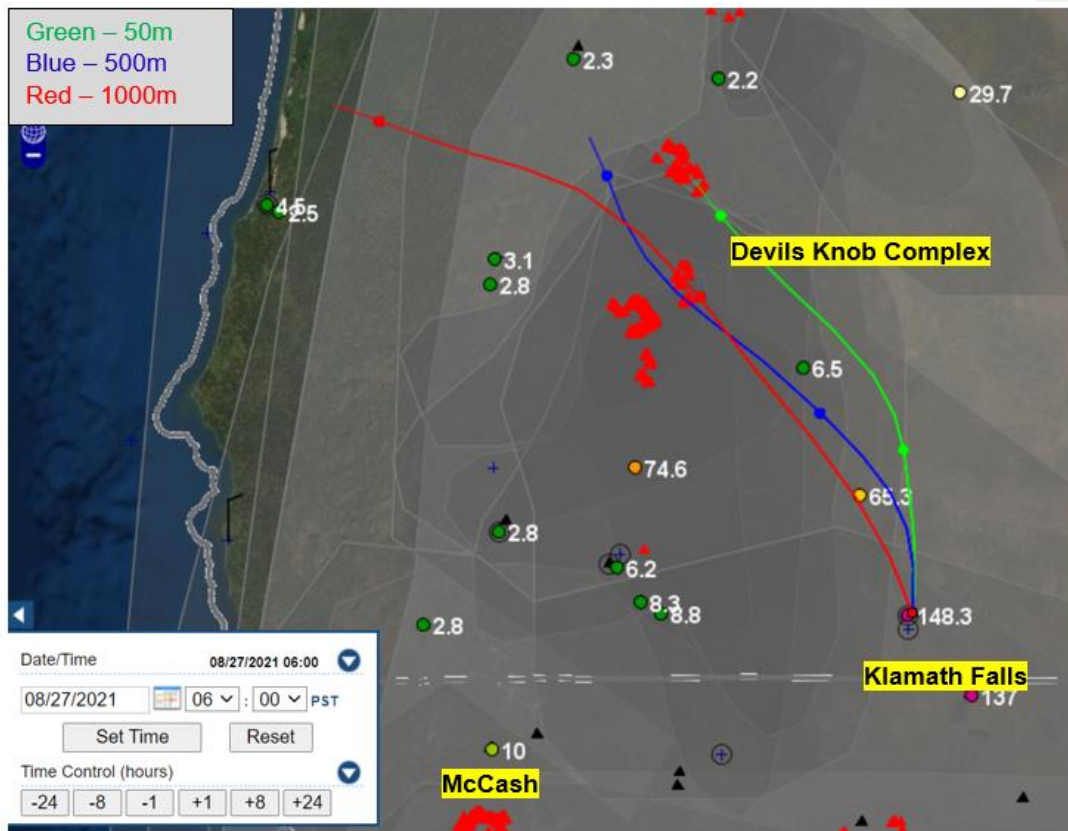


Figure 30. 8/27/21 Satellite and AOD image

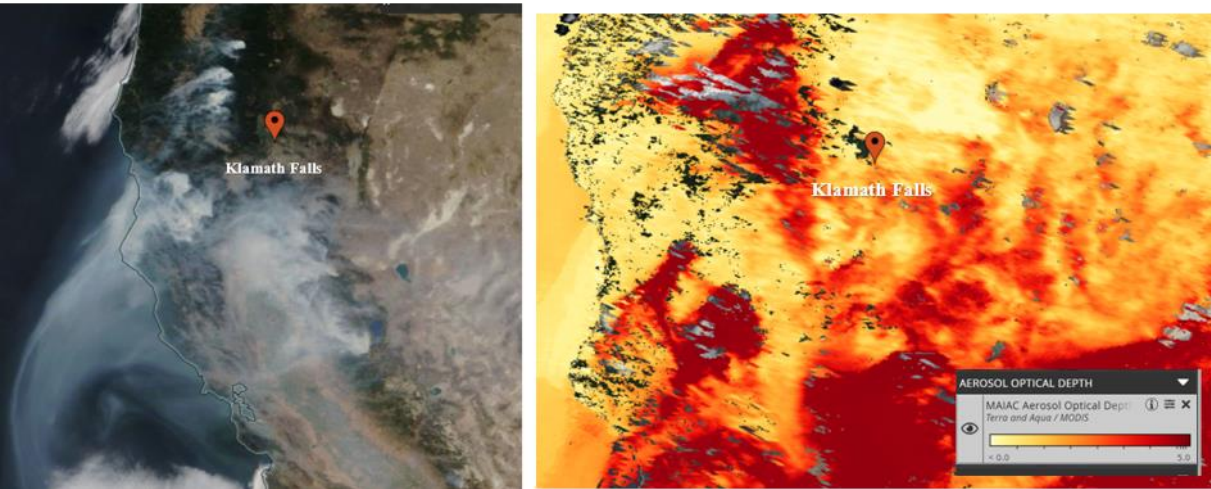




Figure 31. 8/28/21 12 hour back trajectory.

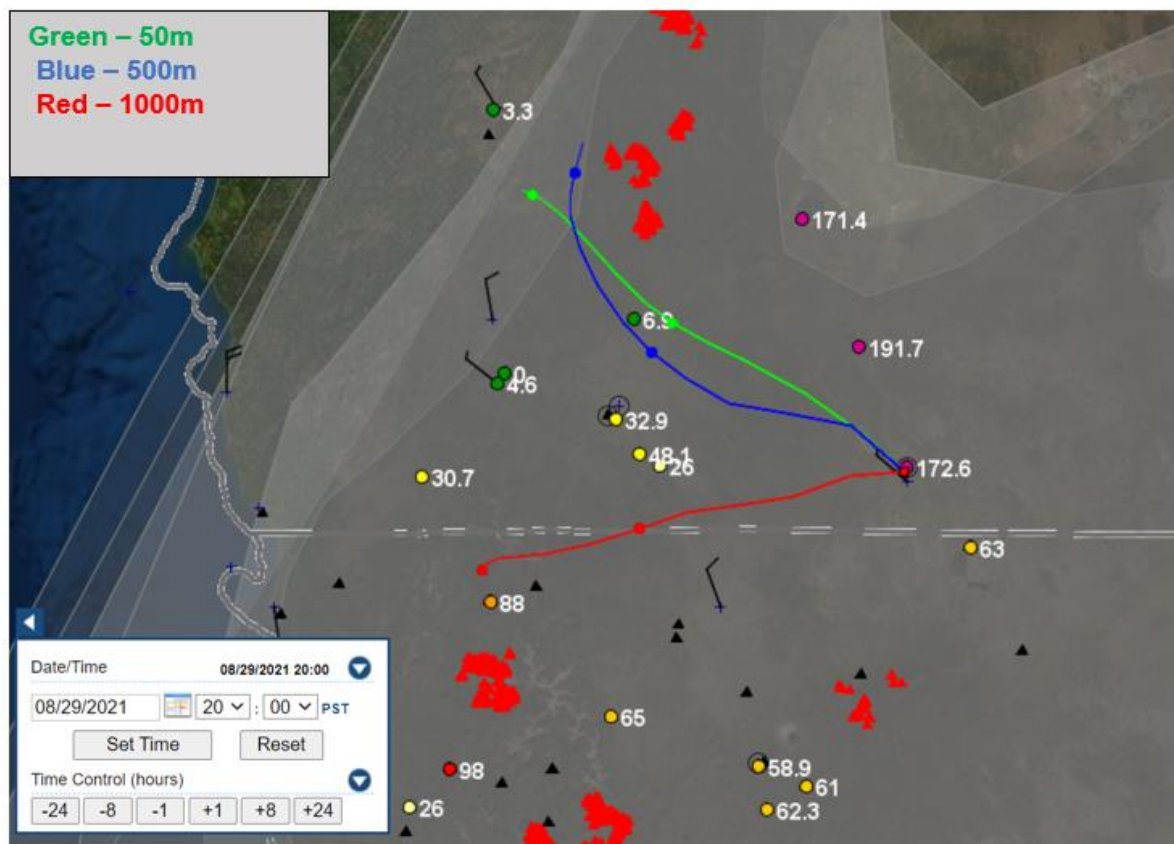


Figure 46. 8/28/21 Satellite and AOD image.

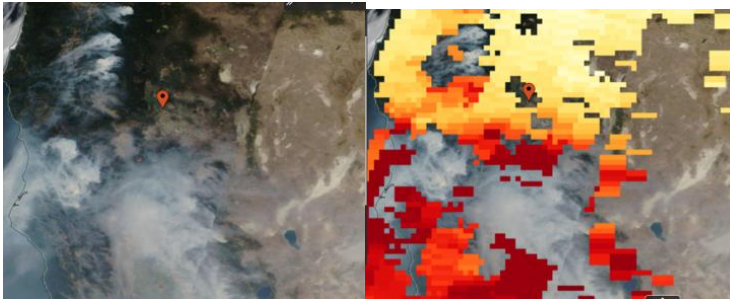


Figure 47. 8/29/21 12 hour back trajectory.

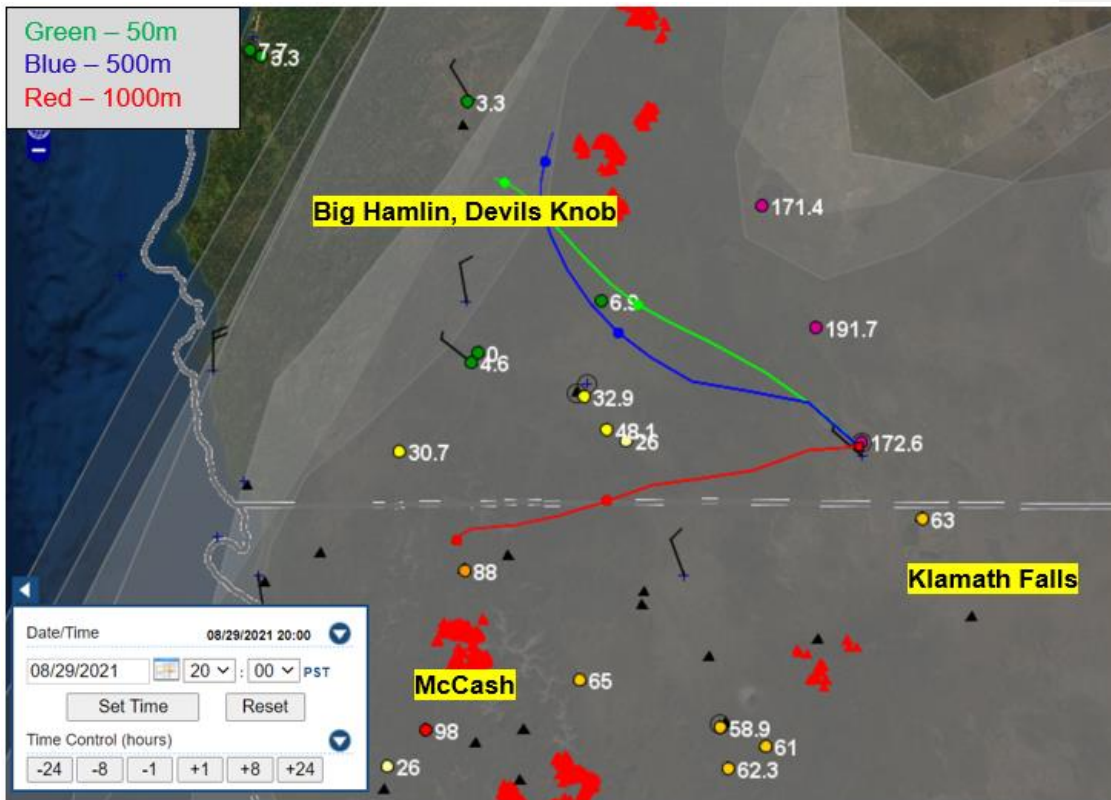




Figure 32. 8/29/21 Satellite and AOD image

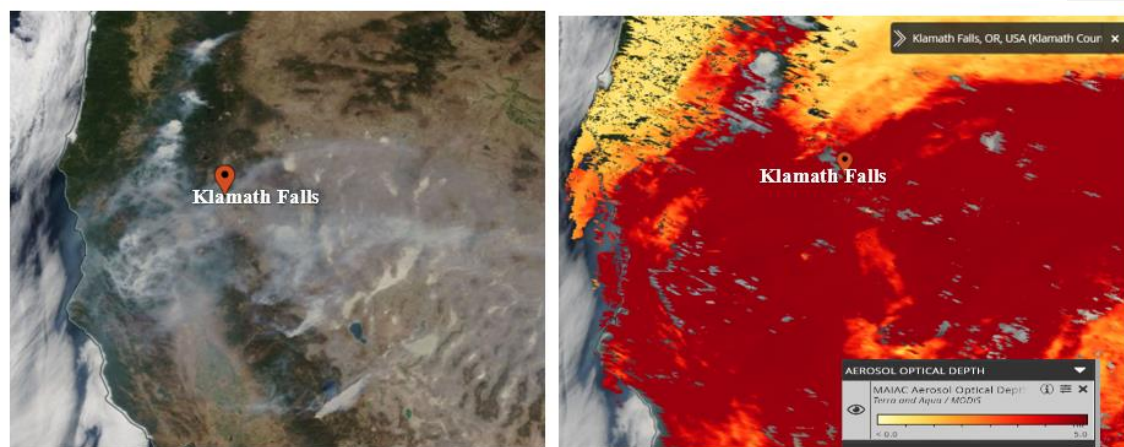


Figure 33. 8/30/21 12 hour back trajectory.

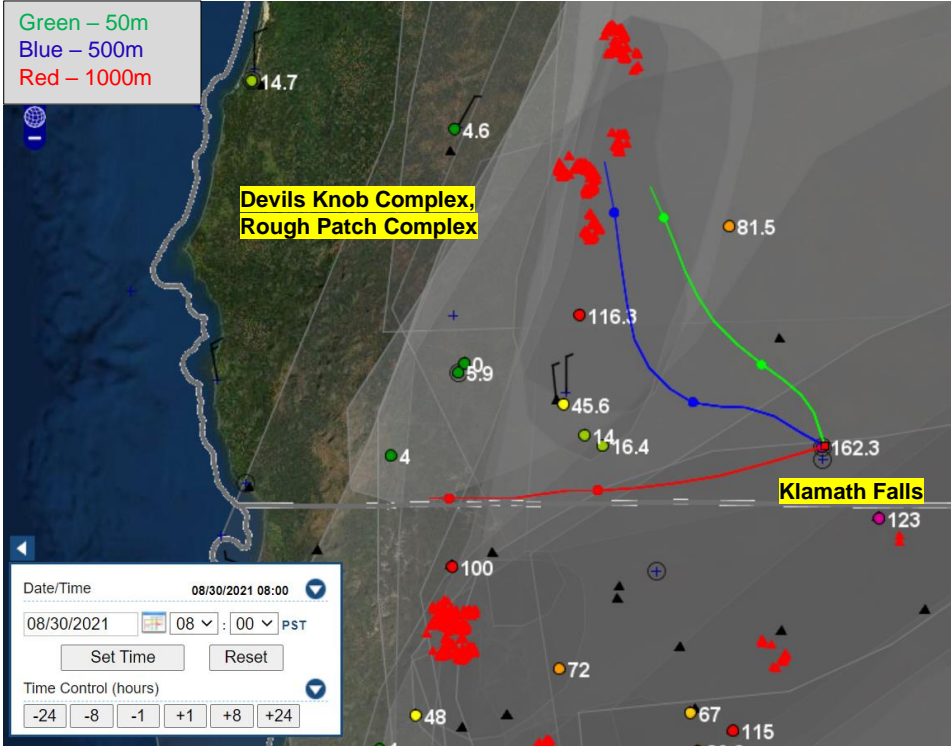


Figure 34. 8/30/21 Satellite and AOD image



Klamath Falls

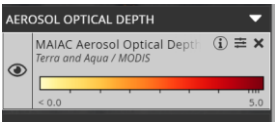


Figure 35. 8/31/21 12 hour back trajectory.

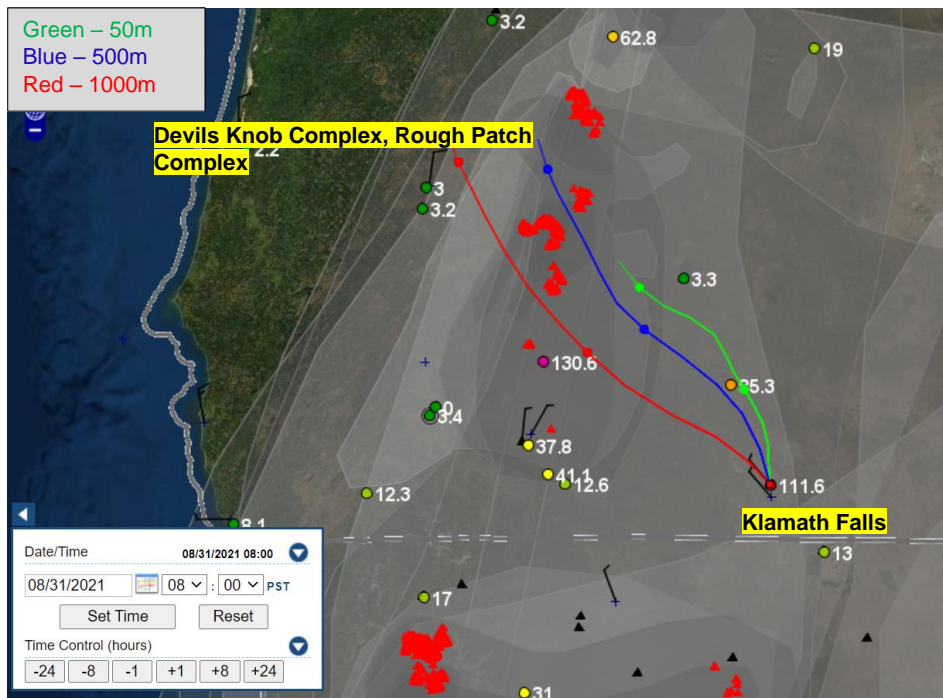


Figure 36. 8/31/21 Satellite and AOD image

